

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN03/01130

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H04L 12/64

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H04L 12/64, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ, CNPAT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1109368 A (NORTEL NETWORKS CORPORATION) 20.Jun.2001, see the whole document, figures 1-6	1-7
A	WO 0076107 A (NORTEL NETWORKS LIMITED) 14.Dec.2000, see the whole document	1-7
A	JP 2002084363 A (NEC CORP) 22.Mar.2002, see the whole document	1-7

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
21.Apr.2004

Date of mailing of the international search report

13 · MAY 2004 (13 · 05 · 2004)

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INTERNATIONAL SEARCH REPORT
Information on patent family members


International application No.
PCT/CN03/01130

Patent document Cited in search report	Publication date	Patent family member(s)	Publication date
EP 1109368 A	20.06.01	CA 2326251 A	15.06.01
		JP 2001223752 A	17.08.01
WO 0076107 A	14.12.00	CA 2376264 A	14.12.00
		AU 5241500 A	28.12.00
		EP 1208683 A	29.05.02
JP 2002084363 A	22.03.02	NZ 514057 A	28.09.01
		AU 6877201 A	07.03.02
		US 2002027983 A	07.03.02
		DE 10143758 A	28.03.02
		CN 1343051 A	03.04.02
		BR 0105060 A	21.05.02
		GB 2369749 A	05.06.02

国际检索报告

国际申请号

PCT/CN03/01130

A. 主题的分类		
IPC7 H04L 12/64		
按照国际专利分类表(IPC)或者同时按照国家分类和 IPC 两种分类		
B. 检索领域		
检索的最低限度文献(标明分类体系和分类号)		
IPC7 H04L 12/64, H04L		
包含在检索领域中的除最低限度文献以外的检索文献		
在国际检索时查阅的电子数据库(数据库的名称和, 如果实际可行的, 使用的检索词)		
WPI, EPODOC, PAJ, CNPAT		
C. 相关文件		
类 型*	引用文件, 必要时, 指明相关段落	相关的权利要求编号
A	EP 1109368 A(NORTEL NETWORKS CORPORATION)2001 年 6 月 20 日(20.06.01), 说明书全文, 附图 1-6	1-7
A	WO 0076107 A(NORTEL NETWORKS LIMITED)2000 年 12 月 14 日(14.12.00), 说明书全文	1-7
A	JP 2002084363 A(日本电气株式会社)2002 年 3 月 22 日(22.03.02), 说明书全文	1-7
<input type="checkbox"/> 其余文件在 C 栏的续页中列出。 <input checked="" type="checkbox"/> 见同族专利附件。		
* 引用文件的专用类型: “A” 明确叙述了被认为不是特别相关的一般现有技术文件 “E” 在国际申请日的当天或之后公布的在先的申请或专利 “L” 可能引起对优先权要求的怀疑的文件, 为确定另一篇引用文件的公布日而引用的或者因其他特殊理由而引用的文件 “O” 涉及口头公开、使用、展览或其他方式公开的文件 “P” 公布日先于国际申请日但迟于所要求的优先权日的文件		“T” 在申请日或优先权日之后公布的在后文件, 它与申请不相抵触, 但是引用它是为了理解构成发明基础的理论或原理 “X” 特别相关的文件, 仅仅考虑该文件, 权利要求所记载的发明就不能认为是新颖的或不能认为是有创造性 “Y” 特别相关的文件, 当该文件与另一篇或者多篇该类文件结合并且这种结合对于本领域技术人员为显而易见时, 权利要求记载的发明不具有创造性 “&” 同族专利成员的文件
国际检索实际完成的日期 21.4 月 2004 (21.04.04)		国际检索报告邮寄日期 13 · 5 月 2004 (13 · 05 · 2004)
国际检索单位名称和邮寄地址 ISA/CN 中国北京市海淀区西土城路 6 号(100088) 传真号: 86-10-62019451		受权官员 范晓寒  电话号码: 86-10-62084540

国际检索报告
关于同族专利成员的情报

国际申请号
PCT/CN03/01130

检索报告中引用的 专利文件	公布日期	同族专利成员	公布日期
EP 1109368 A	20.06.01	CA 2326251 A	15.06.01
		JP 2001223752 A	17.08.01
WO 0076107 A	14.12.00	CA 2376264 A	14.12.00
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		US 2002027983 A	07.03.02
		DE 10143758 A	28.03.02
		CN 1343051 A	03.04.02
		BR 0105060 A	21.05.02
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